

Title (en)

Splittable multicomponent polyolefin fibers

Title (de)

Spaltbare Mehrkomponentenfasern aus Polyolefinen

Title (fr)

Fibres à plusieurs composants divisables à base de polyoléfines

Publication

**EP 1076121 A1 20010214 (EN)**

Application

**EP 00306798 A 20000809**

Priority

US 37130199 A 19990810

Abstract (en)

Mechanically divisible multicomponent fibers are disclosed having at least a first component comprised of a branched alkyl olefin polymer and at least a second component comprised of a straight-chain alkyl olefin polymer. The multicomponent fibers are particularly useful in the manufacture of nonwoven structures, and in particular nonwoven structures used as filter media.

IPC 1-7

**D01F 8/06**

IPC 8 full level

**D01F 8/06** (2006.01)

CPC (source: EP US)

**D01F 8/06** (2013.01 - EP US); **Y10T 428/2929** (2015.01 - EP US); **Y10T 428/2931** (2015.01 - EP US)

Citation (search report)

- [X] DATABASE WPI Section Ch Week 199129, Derwent World Patents Index; Class A17, AN 1991-213241, XP002153185
- [X] PATENT ABSTRACTS OF JAPAN vol. 015, no. 467 (C - 0888) 27 November 1991 (1991-11-27)
- [X] PATENT ABSTRACTS OF JAPAN vol. 017, no. 523 (C - 1113) 21 September 1993 (1993-09-21)

Cited by

CN102264968A; EP2370622A4; AU2009332586B2; US11795593B2; US11478735B2; WO2004060613A1

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DOCDB simple family (publication)

**EP 1076121 A1 20010214**; US 6461729 B1 20021008

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